

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A computer readable storage medium having instructions, which when executed on a computer generate client side markup for a client in a client/server system, the instructions comprising:

a set of controls configured for use on a server remote from the client for defining a dialog and used to dynamically generate client side markup in accordance with the dialog, the controls comprising at least a control for generating markup related to audible prompting of a question and for generating markup related to a grammar for recognition, wherein the set of controls includes means for generating markup that is adapted to prioritize prompting of a question and for generating markup related to a grammar for recognition as a function of responses from a user, wherein the set of controls includes attributes that define a selected order for execution of the set of controls to generate the markup;

a module, which when executed on the server, generates client side markup in accordance with the dialog; and

a module configured for use on the client, and when executed on the client and using the client side markup, creates a the dialog as a function of the controls, wherein the dialog follows a the selected order of prompting and receiving input from a user as related to the order of the controls, and departs from the selected order as a function of responses from the user when at least one response includes an answer to the prompt that was given and additional information that is not an answer to the prompt that was given, wherein an additional prompt is then provided to the user concerning the additional information before returning to the selected order.

2. (Currently Amended) The computer readable storage medium of claim 1 wherein the module creates a dialog as a function of activated controls.

3. (Currently Amended) The computer readable storage medium of claim 2 wherein

controls are activated as a function of responses from the user.

4. (Currently Amended) The computer readable storage medium of claim 3 wherein the set of controls includes an attribute to indicate the selected order that each of the controls will be activated.

5. (Currently Amended) The computer readable storage medium of claim 1 wherein one of the controls provides means for defining a confirmation for generating markup related to confirming that a recognized result is correct.

6. (Currently Amended) The computer readable storage medium of claim 1 and further comprising a second set of controls for generating markup related to visual rendering on a client, wherein at least one of the first-mentioned set of controls is associated with at least one of the controls of the second set of controls.

7. (Currently Amended) The computer readable storage medium of claim 1 wherein the module maintains information related to an order of responses received from the user, and wherein the module departs from the selected order to provide a prompt related to a previous [RL1] response from the user in the information.

8. (Currently Amended) The computer readable storage medium of claim 7 wherein the set of controls includes an attribute to indicate whether a response to a prompt will be maintained in the information related to the order of responses received from the user.

9. (Currently Amended) The computer readable storage medium of claim 8 wherein module maintains the information related to an order of responses received from the user as a stack.

10. (Currently Amended) The computer readable storage medium of claim 9 wherein the

stack is of selected length such that the oldest information related to the oldest received response is removed when information is received related to the latest response from the user.

11. (Currently Amended) A computer implemented method for performing recognition and/or audible prompting on a client in a client/server system~~computer~~, the method comprising:

defining a dialog with a set of controls, the set of controls comprising at least a question for generating an audible prompt of a question and a grammar used for recognition, wherein the set of controls includes ~~means for to~~ prioritize attributes for prompting of a question and for using a grammar for recognition as a function of responses from a user;

dynamically generating client side markup in accordance with the defined dialog on a server remote from the client; and

creating ~~at the~~ the dialog on a client as a function of execution of the client side markup~~code~~ related to the controls, wherein the dialog follows a selected order of prompting and receiving input from a user as related to the order of the controls and includes storing a plurality of semantic items that maintain information related to responses received from the user, and wherein at least one response includes an answer to a prompt that was given and additional information that is not an answer to the prompt that was given, wherein the additional information is associated with one or more of the semantic items and the module maintains an indication associated with the one or more semantic items that the dialog is to depart from the selected order to provide an additional prompt to the user concerning the one or more semantic items before the dialog returns to the selected order~~departs from the selected order as a function of responses from the user.~~

12. (Cancelled)

13. (Cancelled)

14. (Currently Amended) The computer implemented method of ~~claim 1~~claim 11 wherein creating the dialog includes maintaining information related to an order of responses received from the user, and wherein the dialog departs from the selected order to provide a prompt related to a previous~~[RL2]~~ response from the user in the information.

15. (Original) The computer implemented method of claim 14 wherein the set of controls includes an attribute to indicate whether a response to a prompt will be maintained in the information related to the order of responses received from the user, and wherein creating the dialog includes maintaining information related to an order of responses received from the user as a function of the corresponding attribute for a prompt.

16. (Currently Amended) The computer implemented method of claim 15 wherein maintaining the information related to the order of responses received from the user, comprises maintaining the information in a stack an ordered list of semantic items.

17. (Currently Amended) The computer implemented method of claim 16 wherein maintaining the ordered list comprises maintaining the ordered list in a the stack is of selected length such that the oldest information related to the oldest received response is removed when information is received related to the latest response from the user~~[RL3]~~.

18. (Original) The computer implemented method of claim 14 wherein defining a dialog includes logic for modifying the maintained information related to an order of responses received from the user, and wherein creating the dialog includes modifying the maintained information pursuant to the logic.

19. (New) A computer-implemented system comprising:

a set of controls used on a server remote from a client for defining a dialog, the set of controls configured to generate client side markup in accordance with the dialog, wherein the set of controls comprises a plurality of question controls for generating markup related to audible prompting of a plurality of questions and at least one answer control for generating markup related to a grammar for recognition, wherein a selected order for the set of controls is defined by an author to prioritize prompting of the plurality of questions;

a server module, which when executed on the server, generates client side markup in accordance with the dialog;

a module executed on the client using the client side markup to create the dialog as a function of the set of controls and the selected order, wherein the module uses a plurality of semantic items to store information related to responses received from the user, wherein the module follows the selected order until a response is received from a user that includes additional information that is not an answer to a prompt that was given, wherein the module stores the additional information in one or more semantic items and creates an ordered list indicative of the semantic items having the additional information, wherein the module determines if any prompts should be provided to the user based on the order of the semantic items in the ordered list before returning to the selected order.

20           (New)    The system of claim 19, wherein the set of controls includes an attribute to indicate whether a response to a prompt will be maintained in an ordered list related to the order of responses received from the user, and wherein the ordered list is of selected length such that the oldest information related to the oldest received response is removed when information is received related to the latest response from the user.

21.           (New)    The system of claim 20 wherein the ordered list is in the form of a stack.

22. (New) The system of claim 20 wherein the ordered list is indicative of a list of semantic items.